

January 21, 2018

Edward Randolph Director of the Energy Division California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102

> Re: R.13-09-011, A.08-06-001 et al, and A.11-03-001 et al Report of Southern California Edison Company (U 338-E) on Interruptible Load Programs and Demand Response Programs

Dear Mr. Randolph:

Enclosed is Southern California Edison Company's ("SCE") Report on Interruptible Load Programs and Demand Response Programs pursuant to Ordering Paragraph No. 39 of Decision 09-08-027. This monthly report also contains SCE's emergency activities and expenses in response to the natural gas leak at the Aliso Canyon Storage Facility, in compliance with the Administrative Law Judge's Ruling Granting Southern California Edison Company's Request to Defer Monthly Reporting of Aliso Canyon Activities, dated April 13, 2016 in proceeding R.13-09-011. SCE's report, presented in Appendix A, follows the reporting requirements and uses the approved template from Energy Division. It is posted on a publicly available website:

- Go to www.sce.com;
- Click on the "Regulatory Information" link at the bottom right of the page;
- Select "CPUC Open Proceedings";
- Enter "R.13-09-011" in the search box;
- Locate and select the "SCE ILP and DRP Report January 2018" links to access associated documents.<sup>2</sup>

Very truly yours,
/s/ Robin Meidhof
Robin Meidhof

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Ordering Paragraph No. 39 requires PG&E and the other utilities to "...use a consistent monthly report format approved by Energy Division staff, and ...provide these monthly reports to the Director of the Commission's Energy Division, with service on the most recent service list in this proceeding."

If you have trouble accessing the document using this process, you should be able to find the document using this link: <a href="http://www3.sce.com/law/cpucproceedings.nsf/vwSearchProceedings?SearchView&Query=R.13-09-011&SearchMax=1000&Key1=1&Key2=25">http://www3.sce.com/law/cpucproceedings.nsf/vwSearchProceedings?SearchView&Query=R.13-09-011&SearchMax=1000&Key1=1&Key2=25</a>. If you still cannot access the documents with this link, please contact Ania Wojtyna-Machon, SCE's CPUC Regulatory Paralegal, at (626)302-6897 or <a href="maintain-ania-wojtyna-machon@sce.com">anna.wojtyna-machon@sce.com</a>

Edward Randolph Director of the Energy Division Page 2

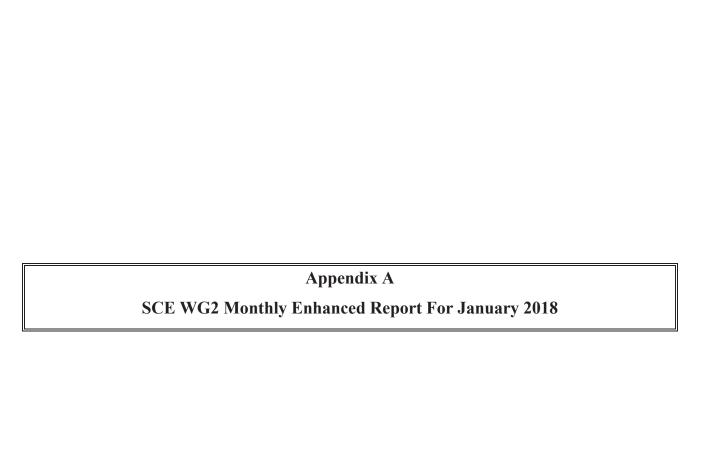
cc: ALJ Kelly Hymes

ALJ Nilgun Atamturk

Bruce Kaneshiro

All Parties of Record in A.08-06-001 et al and A.11-03-001 et al, and R.13-09-011 - via email

Enclosure(s)



## Table I-1 SCE Supply-Side Demand & Load-Modifying Demand Response Programs Subscription Statistics - Program Estimated Ex Ante and Ex Post MWs 2018

### Southern California Edison

Monthly Program Enrollment and Estimated Load Impacts (1)

		January			February			March			April			May			June		1
	Service Accounts	Ex Ante Estimated MW (2)(4)	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW (2)(4)	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW <sup>(2)(4)</sup>	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW (2)(4)	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated	Ex Post Estimated MW (3)(4)	Service Accounts	Ex Ante Estimated MW (2)(4)	Ex Post Estimated MW <sup>(3)(4)</sup>	Eligible Accounts as of Jan 1, 2018
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)	1,153	0.0	33.4																13,636
Base Interruptible Program (BIP) 15 Minute Option	50	106.5	142.5																11,457
Base Interruptible Program (BIP) 30 Minute Option	516	430.5	445.8																11,457
Capacity Bidding Program (CBP) Day Ahead	22	0.8	1.2																643,870
Capacity Bidding Program (CBP) Day Of	0	0.0	0.0																643,870
Save Power Day (SPD)	48,742	1.3	3.9																1,800,000
Summer Discount Program (SDP) - Commercial	10,436	8.9	0.0																474,473
Summer Discount Program (SDP) - Residential	246,027	0.0	0.0																2,169,565
Sub-Total	306,946	548.0	626.8	(	0 0	0	0	) 0	0	0		0	0	0	0	0	0	0	
Load-Modifying Demand Response Programs																			
Critical Peak Pricing (CPP)	3,427	13.6	46.4																4,921,656
Optional Binding Mandatory Curtailment (OBMC)	10	16.0	15.2																N/A
Real Time Pricing (RTP)	144	0.5	1.6																614,196
Scheduled Load Reduction Program (SLRP)	0	0.0	0.0																22,008
Sub-Total	3,581	30.1	63.1		0 0	0	0	0	0			0	0	0	0	. 0	0	0	
Total All Programs	310,527	578.1	689.9	(	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1

		July			August			September			October			November			December		
	Service Accounts	Ex Ante Estimated MW <sup>(2)(4)</sup>	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW <sup>(2)(4)</sup>	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW <sup>(2)(4)</sup>	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW <sup>(2)(4)</sup>	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW <sup>(2)(4)</sup>	Ex Post Estimated MW <sup>(3)(4)</sup>	Service Accounts	Ex Ante Estimated MW (2)(4)	Ex Post Estimated MW <sup>(3)(4)</sup>	Eligible Accounts as of Jan 1, 2018
Supply-Side Demand Response Programs																			
Agricultural & Pumping Interruptible (API)  Base Interruptible Program (BIP) 15 Minute Option  Base Interruptible Program (BIP) 30 Minute Option  Capacity Bidding Program (GIP) Day Ahead  Capacity Bidding Program (GIP) Day Of  Save Power Day (SPD)  Summer Discount Program (SDP) - Commercial  Summer Discount Program (SDP) - Residential																			13,636 11,457 11,457 643,870 643,870 1,800,000 474,473 2,169,565
Sub-Total	0	0	0	0	) (	0	0	0	0	0	0	0	0	0	0	0		) (	)
Load-Modifying Demand Response Programs Critical Peak Pricing (CPP) Optional Binding Mandatory Curtailment (OBMC) Real Time Pricing (RTP) Scheduled Load Reduction Program (SLRP)								-	-					-	-			-	4,921,656 N/A 614,196 22,008
Sub-Total	0	0	0	0	) (	. 0	0	) 0	0	0	0	0	0	. 0	0	0	C	) (	)
Total All Programs	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	

### Notes

1. Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the ex post or ex ante columns. Ex post estimates reflects historic event(s) that have taken place during specific time periods and actual weather conditions by a mix of customers that participated on event day(s). Ex ante forecasts account for variables not included in the ex-post estimates such as normalized weather conditions, expected customer mix during events, expected day of the week which events occur, and other lesser effects etc. An ex-ante forecast reflects forecast impact estimates that would occur between 1 pm and 6 pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions. The ex ante and ex post load impacts presented in this report are based on the IOUs' annual April 1st Compliance Filings pursuant to Decision D.08-04-050. SCE provides reports to various other agencies (CAISO, FERC, NERC, etc.) which may differ from the load impact stimates in this report but are still based on the June 1st Compliance Filing. The differences are attributed to the use of average values over specific load impact hours and other factors.

2. Ex Ante Estimated MW = The monthly ex ante average load impact per customer, (reported in the annual April 1 DR Load Impact Studies filed in compliance with D. 08-04-050, Ordering Paragraph 4), multiplied by the number of currently enrolled service accounts for the reporting month. The ex ante average load impact is the average hourly load impact for an event that would occur from 1-56pm on the system peak day of the month, with the exception of CPV where the average hourly load impact for one event that would occur from 1-56pm or me used. Monthly ex ante estimates are indicated only for programs which can be called for events that reporting month. For programs that are not available that month or do not have a positive load impact, a value of zero is reported. SDP Residential is available, as available.

3. Ex Post Estimated MIW = The monthly ex post average load impact per customer; (reported in the annual April 1 DR Load Impact Studies filed in compliance with D. 08-04-050, Ordering Paragraph 4), multiplied by the number of currently enrolled service accounts for the reporting month. The annual ex post average load impact is the average hourly load impact per customer for those customers that may have participated in an event(s) between 1-6pm on event days in the preceding year when or if events occurred. Ex Post 08MC Load impacts are based on program year 2008.

4. Load Impacts are not available for the SLRP, therefore MW are estimated based on the hour of peak scheduled load reduction multiped by the number of currently enrolled accounts for the reporting month.

### Southern California Edison Program Eligibility and Average Load Impacts

					Average Ex P	ost Load Impa	ct kW / Serv	ice Accounts						
													Estimated Eligible	
	January	February	March	April	May	June	July	August	September	October	November	December	Accounts as of	
Supply-Side Demand Response Programs													Jan 1, 2018 (1)	Eligibility Criteria
														All customers > 37kW or connected load of 50 horsepower or greater on a TOU
Agricultural & Pumping Interruptible (API)	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	13,636	Ag & Pump rate
Base Interruptible Program (BIP) 15 Minute Option	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	2,849.0	11,457	All C & I customers > 200kW
Base Interruptible Program (BIP) 30 Minute Option	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	11,457	All C & I customers > 200kW
Capacity Bidding Program (CBP) Day Ahead	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	643.870	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	643.870	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Save Power Day (SPD)	0.08	0.08	0.08	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1,800,000	All residential customers with SmartMeters excluding those on rates DM, DMS-1, DMS-2, DMS-3, and DS.
Summer Discount Plan (SDP) - Commercial	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	474,473	All commercial customers with central air conditioning, excluding those on CBP, and BIP
Summer Discount Plan (SDP) - Residential	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2,169,565	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-S, and SPD/PTR-ET-DLC
Load-Modifying Demand Response Programs														
Critical Peak Pricing (CPP)	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5		All bundled service customers with an IDR or Smart Connect Meter
Optional Binding Mandatory Curtailment (OBMC)	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	N/A	All non-res. customers who can reduce circuit load by 15%. (1) (3)
Real Time Pricing (RTP)	11.1	10.7	10.7	7.0	7.1	185.0	113.7	20.2	140.1	-1.3	-0.2	2.6	614,196	All non-res. bundled service customers
Scheduled Load Reduction Program (SLRP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22,008	All non-res. bundled service customers >100kW

NUCLS:
L Estimated Average Ex Post Load Impact KW / Customer = Average kW / Customer service account over actual event hours during the 1-6pm window for the preceding year if events occurred omitting 0 and negative load values if program was available, but not dispatched. Some programs may experience no events or few events while other programs nay perate regularly depending on event triggers. For existing programs, the Average Ex Post Load Impact per customer service account remains constant across all months. Ex Post for OBMC Load Impacts are based on program year 2008. Remaining ex post values are from annual April 1 DR Load Impact Studies compliance in the program of t

					Average Ex Ar	nte Load Imp	act kW / Seri	vice Accounts	5					
Supply-Side Demand Response Programs	January	February	March	April	May	June	July	August	September	October	November	December	Estimated Eligible Accounts as of Jan 1, 2018 (2)	Elighility Criteria
Agricultural Pumping Interruptible (API)	18.5	21.5	26.5	36.8	42.0	44.1	50.0	42.6	34.3	31.9	23.6	21.9	13 636	All customers > 37kW or connected load of 50 horsepower or greater on a TOU Ag & Pump rate
Base Interruptible Program (BIP) 15 Minute Option	2.130.3	2.323.7	2.430.6	2.174.0	2.419.7	2.587.5	2.604.4	2.567.2	2.573.6	2.580.9	2,443,7	2,113.2		All C & I customers > 200kW
Base Interruptible Program (BIP) 30 Minute Option	834.3	841.3	833.3	901.0	965.1	942.9	938.1	979.1	931.9	960.9	872.0	834.1	11,457	All C & I customers > 200kW
Capacity Bidding Program (CBP) Day Ahead	37.1	38.3	37.1	37.1	34.8	49.0	51.2	52.8	64.1	62.3	37.1	37.1	643,870	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Capacity Bidding Program (CBP) Day Of	29.5	30.6	29.7	32.1	27.8	34.0	34.4	36.1	40.5	38.9	29.0	28.8	643,870	All non-residential customers with an IDR or Smart Connect Meter (excluding non-residential customers under any streetlight, area Lighting, traffic control or wireless technology rate)
Save Power Day (SPD)	0.03	0.03	0.03	0.30	0.33	0.37	0.43	0.49	0.43	0.42	0.00	0.03	1,800,000	All residential customers with SmartMeters excluding those on rates DM, DMS-1, DMS-2, DMS-3, and DS.
Summer Discount Program (SDP) - Commercial	0.9	1.0	1.0	2.0	2.2	2.4	2.8	3.5	3.1	2.8	1.5	0.7	474,473	All commercial customers with central air conditioning, excluding those on CBP, and BIP
Summer Discount Program (SDP) - Residential	0.0	0.0	0.0	0.2	0.3	0.5	0.7	0.8	0.6	0.5	0.1	0.0	2,169,565	All residential customers with Smart Meters excluding those on rates DM, DMS-1, DMS-2, DMS-3, D-S, and SPD/PTR-ET-DLC
Load-Modifying Demand Response Programs														
Critical Peak Pricing (CPP)	4.0	4.0	3.9	8.5	8.6	8.5	8.2	8.5	8.9	9.2	4.3	3.9	4,921,656	All bundled service customers with an IDR or Smart Connect Meter
Optional Binding Mandatory Curtailment (OBMC)	1,596.9	1,599.4	1,601.1	1,555.4	1,609.8	1,524.3	1,510.6	1,532.1	1,469.2	1,450.6	1,498.3	1,348.1		All non-res. customers who can reduce circuit load by 15%. (2) (3)
Real Time Pricing (RTP)	3.6	3.6	3.5	1.5	1.5	-43.5	-43.6	15.7	-43.5	1.5	3.6	3.7	614,196	All non-res. bundled service customers
Scheduled Load Reduction Program (SLRP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22,008	All non-res. bundled service customers >100kW

Notes:

2. Average Ex Ante Load impact kW/Customer \* Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur from 1-6pm on the system peak day of the month, as reported in the load impact reports filed April 1, 2017. For programs that are not active outside of the summer season, estimated Average Ex Ante Load impact so rowenber through March/April/May are used depending on available data and reflect a typical event that would occur from 4-9pm under the same conditions. Data from Ex Ante load impact reports filed in 2008 is used for OBMC reporting. Remaining ex ante values are from annual April 1 DR Load Impact Studies compliance filing.

3. The accounts eligible to participate in OBMC is not available because the number of customers who can reduce 15% of their entire circuit load during every rotating outage cannot be reasonably estimated.

## Table I-18 SCE TA/TI and Auto DR Program Subscription Statistics 2009 - 2011

Southern California Edison
Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2009 - 2011		Janu	ary			Feb	ruary			M	larch			Α	pril			-	May				lune	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified	TI Verified '	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified		Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)		21.68	4.39	26.1				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		21.7	4.4	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)		5.0	0.3	5.3				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)		22.69	0.00	22.7				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		27.7	0.3	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		49.3	4.7	54.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	)	0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0	)		

		1	July			A	ugust			Sep	tember			Oc	tober			No	vember			Dei	cember	<u> </u>
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total												
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verifie	d Technology	Identified	Verified	TI Verified	Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW												
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)				0.0				0.0				0.0				0.0				0.0	D			0.0
Base Interruptible Program (BIP)				0.0				0.0				0.0				0.0				0.0	D			0.0
Capacity Bidding Program (CBP)				0.0				0.0				0.0				0.0				0.	0			0.0
Summer Discount Program (SDP)				0.0				0.0				0.0				0.0				0.0	D			0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	0 0.	0 0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)				0.0				0.0				0.0				0.0				0.0	D			0.0
Optional Binding Mandatory Curtailment (OBMC)				0.0				0.0				0.0				0.0				0.0	D			0.0
Real Time Pricing (RTP)				0.0				0.0				0.0				0.0				0.0	D			0.0
Scheduled Load Reduction Program (SLRP)				0.0				0.0				0.0				0.0				0.0	0			0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	0 0.	0 0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.	0 0.	0 0.0	0	0.0	0.0	0.0
General Program	•				•				•				•				•							
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0	ı	0.0		0.0		0.0		0.0		0.0		0.	0	0.0	)	0.0	
Total TA MW	0.0	1			0.0				0.0				0.0	1			0.0				0.0	)		

Notes:

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

TA Identified MW AutoDR Verified MW TI Verified MW

Represents identified MW for service accounts from completed TA.

Represents usentined nww for service accounts from completed in Aut DR.

Represents verified the MC for service accounts that participated in Auto DR.

Represents verified MW for service accounts that participated in Ti (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR.

\*A reduction in standard Ti MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).

\*Abo, if a customer leaves a DR program it will reduce the MWs for that particular DR program.

Total Technology MW General Program category Represents the sum of verified MW associated with the service accounts in the TI and Auto DR programs.

Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR.

## Table I-18 SCE TA/TI and Auto DR Program Subscription Statistics 2012 - 2014

Southern California Edison

Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2012-2014		Janu	iary			Feb	ruary			М	larch			A	April				May			J	ıne	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified '		Technology	Identified	Verified	TI Verified	Technology	Identified	Verified		Technology	Identified	Verified	TI Verified	Technology	Identified	Verified		Technology	Identified			Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)		12.05	0.00	12.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		12.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)		4.1	0.0	4.1				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)		3.03	0.00	3.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		7.1	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		19.2	0.0	19.2		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

		J	uly			Au	gust			Sept	tember			Oc	tober			No	vember			Dec	ember	
	TA	Auto DR		Total	TA	Auto DR		Total																
	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology
Supply-Side Demand Response Programs	14144	10100	10100	19199	10100	10100	10100	10100	141.44	19199	19199	19199	10100	10100	10100	10100	10100	19199	19199	14144	10100	14144	19199	10100
Agricultural & Pumping Interruptible (API)				0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)				0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)				0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)				0.0				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)				0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)				0.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Notes:

Activity reflects projects initiated in 2012-2014

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

TA Identified MW AutoDR Verified MW TI Verified MW

Represents identified MW for service accounts from completed TA.

Represents verified/nested MW for service accounts that participated in Auto DR.

Represents verified MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR.

\*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).
\*Also, if a customer leaves a DR program it will reduce the MWs for that particular DR program.

Total Technology MW General Program category Represents the sum of verified MW associated with the service accounts in the TI and Auto DR programs.

Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR.

## Table I-18 SCE TA/TI and Auto DR Program Subscription Statistics 2015 - 2016

Southern California Edison
Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2015-2016		Janu	iary			Feb	ruary			M	larch			А	pril				May				une	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified 1	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)		1.20	0.00	1.2				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		1.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)		0.4	0.0	0.4				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)		0.65	0.00	0.7				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		2.2	0.0	2.2		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program					•																			
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0	)	0.0		0.0		0.0		0.0		0.0		0.0		0.0	)	0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0	)		

			uly			Au	gust			Sent	tember			0.0	tober			No	vember			Dec	ember	
			,				8																	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified		Technology				Technology	Identified			Technology		Verified				Verified					TI Verified	
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)				0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)				0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)				0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)				0.0				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)				0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)				0.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program	•				•								•				•				•			
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	)	0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Activity reflects projects initiated in 2015-2016

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

TA Identified MW Represents identified MW for service accounts from completed TA. AutoDR Verified MW

Represents verified/tested MW for service accounts that participated in Auto DR.

Represents verified MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR. TI Verified MW

\*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).
\*Also, if a customer leaves a DR program it will reduce the MWs for that particular DR program.

Total Technology MW Represents the sum of verified MW associated with the service accounts in the TI and Auto DR programs. General Program category Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR.

## Table I-1B SCE TA/TI and Auto DR Program Subscription Statistics 2017

Southern California Edison Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2017		lan	uary			Foh	ruary			M	arch			٥	pril				Мау				une	
2017			uuiy				ruury				uren				.piii				inuy				unc	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified			Technology	Identified			Technology	Identified			Technology	Identified		TI Verified		Identified	Verified	TI Verified					Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)		0.00	0.00	0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)		0.00	0.00	0.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program					•																			
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	)	0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

		Ji	uly			Au	ıgust			Sept	tember			Oc	tober			Nov	ember			Dec	ember	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified	TI Verified	Technology	Identified	Verified		Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified		TI Verified	Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)				0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)				0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)				0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)				0.0				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)				0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)				0.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	· ·	0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Notes:

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

TA Identified MW Represents identified MW for service accounts from completed TA. AutoDR Verified MW TI Verified MW

Represents verified/tested MW for service accounts that participated in Auto DR.

Represents verified MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR.

\*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).

\*Also, if a customer leaves a DR program it will reduce the MWs for that particular DR program.

Represents the sum of verified MW associated with the service accounts in the TI and Auto DR programs. Total Technology MW Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR. General Program category

## Table I-1B SCE TA/TI and Auto DR Program Subscription Statistics 2018

Southern California Edison
Detailed Breakdown of MW To Date in TA/Auto DR-TI Programs

2018		Jan	uary			Feb	ruary			M	larch			А	pril				May			Ji	ıne	
	TA	Auto DR	•	Total	TA	Auto DR	•	Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR	•	Total	TA	Auto DR		Total
	Identified		TI Verified	Technology	Identified		TI Verified	Technology	Identified		TI Verified	Technology	Identified		TI Verified			Verified	TI Verified				TI Verified	Technology
	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)		0.00	0.00	0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)		0.00	0.00	0.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)		0.0	0.0	0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																	•							
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

		Ju	ıly			Au	gust			Sep	tember			Oc	tober			Nov	vember			Dec	ember	
	TA	Auto DR		Total																				
	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW	Identified MW	Verified MW	TI Verified MW	Technology MW
Supply-Side Demand Response Programs																								
Agricultural & Pumping Interruptible (API)				0.0				0.0				0.0				0.0				0.0				0.0
Base Interruptible Program (BIP)				0.0				0.0				0.0				0.0				0.0				0.0
Capacity Bidding Program (CBP)				0.0				0.0				0.0				0.0				0.0				0.0
Summer Discount Program (SDP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load-Modifying Demand Response Programs																								
Critical Peak Pricing (CPP)				0.0				0.0				0.0				0.0				0.0				0.0
Optional Binding Mandatory Curtailment (OBMC)				0.0				0.0				0.0				0.0				0.0				0.0
Real Time Pricing (RTP)				0.0				0.0				0.0				0.0				0.0				0.0
Scheduled Load Reduction Program (SLRP)				0.0				0.0				0.0				0.0				0.0				0.0
Sub-Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Technology MW		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Total TA MW	0.0				0.0				0.0				0.0				0.0				0.0			

Notes:

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

TA Identified MW Represents identified MW for service accounts from completed TA. AutoDR Verified MW

Represents verified/fested MW for service accounts that participated in Auto DR.

Represents verified MY or service accounts that participated in Auto DR.

Represents verified MY or service accounts that participated in Ti(i.e. must be enrolled in DR) and not in AutoDR; MW reported here not necessarily amount enrolled in DR.

\*A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase). TI Verified MW

\*Also, if a customer leaves a DR program it will reduce the MWs for that particular DR program.

Total Technology MW Represents the sum of verified MW associated with the service accounts in the TI and Auto DR programs. General Program category Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR.

## Table I-2 SCE Demand Response Programs and Activities Expenditures and Funding 2018

### Southern California Edison Year-to-Date Program Expenditures

					-		(1) (5)										
					20	018 Expenditur	res (-) (-)						-	Program-to-Date Total			
													Year-to Date 2018	Total Expenditures	5-Year Funding	Fundshift	Percent
Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Expenditures	2018-2022	2018-2022 (4)	Adjustments	Funding
Category 1: Supply-Side Demand Response Programs																	
Agricultural & Pumping Interruptible (API)	\$25,804												\$25,804	\$25,804	\$35,341,929		0
Base Interruptible Program (BIP)	\$15,907												\$15,907	\$15,907	\$347,473,792		0
Capacity Bidding Program (CBP)	\$11,398												\$11,398	\$11,398	\$15,029,045		0
Save Power Day (SPD/PTR)	\$261,853												\$261,853	\$261,853	\$20,431,092		19
Summer Discount Plan (SDP)	\$85,525												\$85,525	\$85,525	\$190,071,007		05
Category 1 Total	\$400,487	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,487	\$400,487	\$608,346,865		05
Category 2 : Load-Modifying Demand Response Programs																	
Optional Binding Mandatory Curtailment (OBMC)	\$0												\$0	\$0	\$15,000		0
Rotating Outages (RO)	\$0												\$0	\$0	\$400,000		0
Scheduled Load Reduction Program (SLRP)	\$0												\$0	\$0	\$15,625		09
Category 2 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$430,625		0:
Category 3 : Demand Response Auction Mechanism (DRAM) and Direct Participation Electric Rule 24																	
Demand Response Auction Mechanism (DRAM) <sup>(2)</sup>	\$143,380												\$143,380	\$143,380	\$6,000,000		25
Category 3 Total	\$143,380	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$143,380	\$6,000,000		29
	<b>‡</b> 2.2,200			- +•	,,,,		- 40	- 40		- 40		- 00	<del>+</del> 2.2,300	72.5,300	+-,,000		
Category 4 : Emerging Markets & Technology														****			
Emerging Markets & Technologies	\$39,974												\$39,974	\$39,974	\$14,610,000		09
Technology Incentive Program (AutoDR-TI)	\$71,353												\$71,353	\$71,353	\$43,639,325		09
Category 4 Total	\$111,328	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$111,328	\$111,328	\$58,249,325		09
Category 5 : Pilots																	
CBP Residential Pilot	\$0												\$0	\$0	\$1,005,000		09
Charge Ready Pilot	\$6,122												\$6,122	\$6,122	\$429,953		1%
Constrained Local Capacity Planning Areas & Disadvantaged																	
Communities Pilot	\$0												\$0	\$0	\$1,000,000		0%
Category 5 Total	\$6,122	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,122	\$6,122	\$2,434,953		0%
Category 6 : Marketing, Education, and Outreach (ME&O) (3)																	
Other Local Marketing	\$4,825												\$4,825	\$4,825	\$14,276,950		0%
Category 6 Total	\$4,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$4,825	\$14,276,950		0%
eacegory o rotal	<i>\$4,023</i>	<b>30</b>	<b>30</b>	<b>40</b>	<b>40</b>	, , ,	<b>40</b>	70	Ç.	<del>40</del>	<del>-</del>	<b>70</b>	Ų-1,023	<i>\$4,023</i>	\$14,270,330		
Category 7 : Portfolio Support (includes EM&V, System Support, and Notifications)																	
DR Potential Study	\$0												\$0	\$0	\$2,000,000		09
DR Systems & Technology Support	\$166,222												\$166,222	\$166,222	\$29,210,482		15
Evaluation, Measurement & Verification (EM&V)	\$16.232												\$16,232	\$16.232	\$6,090,136		09
Category 7 Total	\$182,454	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$182,454	\$37,300,618		09
Integrated Programs and Activities (Including Technical Assistance)													40.220	60.220	A4 404 404		
Integrated IDSM Marketing	\$9,239 \$4,356												\$9,239	\$9,239 \$4,356	\$1,481,401		15 25
Statewide IDSM													\$4,356		\$261,692		
DR Institutional Partnership	\$10,512												\$10,512	\$10,512	\$641,258		29
DR Technology Resource Incubator Outreach	\$388												\$388	\$388	\$106,973		05
DR Energy Leaders Partnership	\$12,005												\$12,005	\$12,005	\$541,485		
Technical Assistance	\$13,424												\$13,424	\$13,424	\$1,111,447		15
Commercial New Construction Pilot	\$905												\$905	\$905	\$253,199		09
Residential New Construction Pilot	\$1,775												\$1,775	\$1,775	\$495,562		
Third Party Programs	\$5,524												\$5,524	\$5,524	\$1,543,425		0
Continuous Energy Improvement (CEI)	\$59												\$59	\$59	\$18,048		0
Workforce Education & Training Smart Students  Category 8 Total	\$2,358 \$60,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,358 \$60,546	\$2,358 <b>\$60,546</b>	\$455,511 <b>\$6,910,000</b>		19
entegory o rotal	300,340	- 30	- 30	- 30	- 30	- 30	- 30	- 30	- 30	- 30	- 30	30	300,340	300,340	\$0,510,000		1/1
Total Incremental Cost	\$909,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$909,140	\$909,140	\$733,949,336		0%

Auto-DR Technology Incentives (AutoDR TI) commitments outstanding as of 1/31/2018	\$ -
Permanent Load Shift (PLS) Commitments outstanding as of 1/31/2018	\$ -

(1) Funding for DR programs and activities are approved in D.17-12-003 and recorded in SCE's Demand Response Program Balancing Account (DRPBA) unless otherwise noted.

(2) DRAM activities are approved in 10-17-10-017 and 10-1

(3) Funding for Statewide ME&O is based on SCE Advice Letter 3677-E and recorded to the SWMEOBA

(4) Funding for Integrated Programs and Activities (Including Technical Assistance) estimated based on SCE's 2017 Annual Energy Efficiency Portfolio Budget Request (Advice Letter 3465-E) and is pending Commission approval.

# Table I-2A SCE Demand Response Programs and Activities Carry-Over Expenditures and Funding 2018

Southern California Edison Year-to-Date Program Expenditures

Cost Item	January	February	March	April	2018 May	Expenditures (1)	uly	August	September	October	November	December	2018 Expenditure
ategory 1 : Reliability Programs	January	February	iviarch	Aprii	IVIAY	June Ji	uiy	August	September	October	November	December	Expenditu
Agricultural Pumping Interruptible (API)	\$328												\$3
Base Interruptible Program (BIP)	\$725												\$7
Optional Binding Mandatory Curtailment (OBMC)	(\$0)												
Rotating Outages (RO)	\$70												\$
Scheduled Load Reduction Program (SLRP)	(\$3)												(
ategory 1 Total	\$1,120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,1
ategory 2 : Price Responsive Programs													
AC Cycling : Summer Discount Plan (SDP)	\$232,684												\$232,6
Capacity Bidding Program (CBP)	\$588												\$5
Demand Bidding Program (DBP)	\$785												\$7
Save Power Day (SPD/PTR)	\$844,577												\$844,5
ategory 2 Total	\$1,078,634	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,078,6
ategory 3 : DR Provider/Aggregated Managed Programs													
AMP Contracts/DR Contracts (AMP)	(\$7)												(
Demand Response Auction Mechanism (DRAM)	\$26,244												\$26,2
ategory 3 Total	\$26,238	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,2
ategory 4 : Emerging & Enabling Technologies													
Auto DR / Technology Incentives (AutoDR-TI)	\$26,483												\$26,4
Emerging Markets & Technologies	\$5,386												\$5,3
ategory 4 Total	\$31,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,8
ategory 5 : Pilots													
ategory 5 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		7-	7-	7-	7-		7-	4.5	7-	7-	7-		
ategory 6 : Evaluation, Measurement and Verification													
DR Research Studies (CPUC)	\$0												
Measurement and Evaluation	\$39,978												\$39,9
ategory 6 Total	\$39,978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,9
ategory 7 : Marketing, Education & Outreach													
Circuit Savers Program	(\$0)												(
Statewide ME&O	\$0												
Other Local Marketing	\$41,573												\$41,5
ategory 7 Total	\$41,573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,5
ategory 8 : DR System Support Activities													
DR Systems & Technology (S&T)	\$10,464												\$10,4
DR Rule 24 ategory 8 Total	\$17,377 <b>\$27,841</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,3° \$27,8
aregory & rotal	\$27,041	30	30	ŞU	30	ŞU	ŞU	ŞU	ŞU	\$0	\$0	30	\$27,0
ategory 9 : Integrated Programs and Activities (Including Technical													
ssistance)													
Commercial New Construction	(\$201)												(\$2
DR Energy Leadership Partnership (ELP)	\$708												\$7
DR Institutional Partnership	(\$284)												(\$2
DR Technology Resource Incubator Program (TRIO)	\$84												\$
Federal Power Reserve Partnership (FedPower)	\$0												
IDSM Continuous Energy Improvement	\$92												\$
IDSM Food Processing Pilot	(\$0)												
Integrated DSM Marketing	\$9,169												\$9,:
RCx Initiative	\$0												
Residential New Construction Pilot	\$50												
Statewide IDSM	(\$8,823)												(\$8,
Technical Assistance (TA)	(\$142)												(\$:
Third Party Programs	\$716												\$
Upstream Auto-DR w/HVAC	\$0												
Workforce Education & Training Smart Students (SmartStudents)	\$349												\$
ategory 9 Total	\$1,718	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,
ategory 10 - Special Projects													
Permanent Load Shift	\$5,442												\$5,4
ategory 10 Total	\$5,442	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,4
Programs Support Costs	\$17,456												\$17,4
otal Incremental Cost	\$1,271,867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,271,8
uto-DR Technology Incentives (AutoDR TI) commitments outstanding s of 1/31/2018	\$ 7,036,769												

(1) Carryover program costs, for funding cycles prior to 2018, are reported here and are recorded in SCE's Demand Response Program Balancing Account (DRPBA), unless otherwise noted. SCE seeks Commission authorization to carryover program costs in its ERRA proceeding.

(2) Negative expenses in January are a result of reversed accrual entries.

### Southern California Edison Annual Total Cost

					Total E	mbedded Cos	t and Revenue	es <sup>(1)</sup>					Year-to-Date
Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Total Cost
Program Incentives													
Agricultural Pumping Interruptible (API) (2)	\$46,015												\$46,015
Base Interruptible Program (BIP) (2)	\$841,787												\$841,787
Capacity Bidding Program (CBP) (3)	\$0												\$0
Demand Bidding Program (DBP) (4)	\$0												\$0
AMP Contracts/DR Contracts (AMP)	\$0												\$0
Save Power Day (SPD/PTR)	\$15,749												\$15,749
Summer Discount Plan (SDP) - Commercial	\$5,952												\$5,952
Summer Discount Plan (SDP) - Residential	\$255,444												\$255,444
Summer Discount Plan (SDP) - Residential O-Switch	\$6,920												\$6,920
Total Cost of Incentives	\$1,171,867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,171,867

Revenues from Excess Energy Charges (5) \$0	\$0
---	-----

(1) Amounts reported are for incentives costs that recovered in the Demand Response Program Balancing Account.

(2) BIP and API shown here represent the amount of incentives paid to all enrolled service accounts based on the month in which incentives were paid by the utility and not necessarily based on the month in which they were earned. BIP is net of incentives and Excess Energy Charges. (3) CBP incentives represents the net amount of capacity and any applicable energy payments issued to participating aggregators. Amounts are based upon settlement and actual performance.

"Pending" indicates settlements for that operating month have either not been completed or are being processed by SCE's DRP Credit.

(4) DBP incentives shown here represent the amount of incentives paid to program participants based on the month in which incentives were paid by the utility and not based on the month in which they were earned by participating customers. (5) Revenues from Excess Energy Charges, assessed by BIP participants, are for failure to reduce load when requested during curtailment events.

### Table I-4 SCE Demand Response Programs and Activities Fund Shifting 2018

### Southern California Edison

FUND SHIFTING DOCUMENTATION PER DECISION 12-04-045 ORDERING PARAGRAPHS 4 AND 6.

- OP 4: The utilities may not shift funds between budget categories with two exceptions as stated in OP 4 and 5;
  The utilities may shift up to 50% of a program's funds to another program within the same budget category;
  The utilities shall not shift funds within the "Pilots" (Category 5) or "Special Projects" (Category 11) budget categories without a Tier 2 Advice Letter;
  The utilities shall not limit and sorp pilots in the Enabling or Emerging Technologies category;
  The utilities shall solution and through multiple funds shifting;
  The utilities shall submit a Tier 2 Advice Letter before shifting more than 50% of a program's budget to a different program within the same budget category;
  The utilities shall soument the amount of and reason for each shift in their monthly demand response reports.
- OP 6: The utilities may shift funds in Category 4 (Enabling & Emerging Technologies) into the Permanent Load Shifting program with a Tier 2 Advice Letter.

Program Category	Fund Shift	Programs Impacted	Date	Rationale for Fundshift	
		<u> </u>	<u> </u>	<u> </u>	
Total	\$0				

Notes:

## Table I-5 SCE Demand Response Programs and Activities 2018 Customer Communication, Marketing and Outreach

### Southern California Edison Year-to-Date Marketing Expenditures

				2018 Fundii	ng Cycle Custo	omer Commu	nication, Mar	rketing, and	Outreach (2)				Year-to Date	2018 Authorized	
	January	February	March	April	May	June	July	August	September	October	November	r Decembe	2018 Expenditures	Budget (if Applicable)	Percen Fundin
I. STATEWIDE MARKETING	January	repruary	Iviarcn	April	way	June	July	August	September	October	November	r Decembe	r		
IOU Administrative Costs	\$0												\$0		
Statewide ME&O contract	\$136,537												\$136,537	+-,,	
I. TOTAL STATEWIDE MARKETING	\$136,537	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1	0 \$	\$0 :	\$0 \$136,537	\$1,798,101	
II. UTILITY MARKETING BY ACTIVITY (1) TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2018															
PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING															
Category 1: Supply-Side Demand Response Programs															
Agricultural & Pumping Interruptible (API) Base Interruptible Program (BIP)	\$0 \$0												\$0 \$0		
Capacity Bidding Program (CBP)	\$0												\$0		
Save Power Day (SPD)	\$0												\$0		
Summer Discount Program (SDP)	\$0												\$0		
Category 2: Load-Modifying Demand Response Programs															
Optional Binding Mandatory Curtailment (OBMC)	\$0												\$0		
Rotating Outages (RO)	\$0												\$0		
Scheduled Load Reduction Program (SLRP)	\$0												\$0		
Category 3: Demand Response Auction Mechanism (DRAM) and Direct Participation															
Electric Rule 24															
Demand Response Auction Mechanism (DRAM)	\$0												\$0		
Category 4: Emerging Markets & Technology															
Emerging Markets and Technology	\$0												\$0		
Technology Incentive Program (AutoDR-TI)	\$0												\$0		
Category 5: Pilots															
Charge Ready Pilot	\$0												\$0		
Category 6 : Marketing, Education, and Outreach (ME&O)	(4-1														
Other Local Marketing (3)	(\$0)												(\$0	)	
ategory 7 : Portfolio Support (includes EM&V, System Support, and Notifications)															
DR Potential Study	\$0												\$0		
DR Systems & Technology Support Evaluation, Measurement & Verification (EM&V)	\$0 \$0												\$0 \$0		
evaluation, measurement & vernication (civi&v)	ŞU.												\$0		
Category 8 : Integrated Programs and Activities															
Integrated DSM Marketing	\$18,408												\$18,408	\$1,481,401	
Statewide IDSM DR Institutional Partnership	\$0 \$0												\$0 \$0		
DR Technology Resource Incubator Program (TRIO)	\$0												\$0		
DR Energy Leadership Partnership (ELP)	\$0												\$0		
Technical Assistance (TA) Commercial New Construction	\$0 \$0												\$0 \$0		
Residential New Construction Pilot	\$0												\$0		
Workforce Education & Training Smart Students (SmartStudents)	\$0												\$0		
SUBTOTAL	\$18,408	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1	0 \$	\$0 :	\$0 \$18,408	\$1,481,401	
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING															
gricultural & Pumping Interruptible (API)  Customer Research	ŚO												\$0	\$1,200	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0												\$0		
Labor	\$0												\$0		
Paid Media Other Costs	\$0 \$0												\$0 \$0		
	50												\$0		
lase Interruptible Program (BIP)  Customer Research	\$0												\$0	\$1,200	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0												\$0		
Labor Paid Media	\$0 \$0												\$0 \$0		
Other Costs	\$0 \$0												\$0 \$0		
	**												•		
Charge Ready Pilot														\$30,000	
Customer Research Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0 \$0												\$0 \$0		
Labor	\$0												\$0		
	\$0												\$0		
Paid Media													\$0		
	\$0														
Paid Media Other Costs icheduled Load Reduction Program (SLRP)	\$0													\$1,875	
Paid Media Other Costs	\$0 \$0												\$0		
Paid Media Other Costs  Scheduled Load Reduction Program (SLRP)  Customer Research Collateral-Development, Printing, Distribution etc. (all non-labor costs)	\$0 \$0 \$0												\$0		
Paid Media Other Costs  cheduled Load Reduction Program (SLRP) Customer Research	\$0 \$0														

### Table I-5 SCE Demand Response Programs and Activities 2018 Customer Communication, Marketing and Outreach

### Southern California Edison Year-to-Date Marketing Expenditures

				2018 Fundi	ng Cycle Cust	omer Commu	nication, Ma	rketing, and	Outreach (2)				Year-to Date	2018 Authorized	Percent
	January	February	March	April	May	June	July	August	September	October	November	December	2018 Expenditures	Budget (if Applicable)	Funding
Save Power Day (SPD) /Peak Time Rebate (PTR)														\$500,000	
Customer Research	\$0												\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$20,300												\$20,300		
Labor	\$5												\$5		
Paid Media	\$0												\$0		
Other Costs	\$0												\$0		
Summer Discount Plan (SDP)														\$2,293,000	
Customer Research													\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$12,643												\$12,643		
Labor	\$12,727												\$12,727		
Paid Media													\$0		
Other Costs													\$0		
Technology Incentive Program (AutoDR-TI)														\$50,000	
Customer Research	\$0												\$0	, , , , , ,	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$722												\$722		
Labor	\$0												\$0		
Paid Media	\$0												\$0		
Other Costs	\$0												\$0		
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$64,806	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,806	\$2,877,275	
III. UTILITY MARKETING BY ITEMIZED COST															
Customer Research	\$0												\$0		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$32,943												\$32,943		
Labor	\$12,732												\$12,732		
Paid Media	\$0												\$0		
Other Costs	\$0												\$0		
Total from Program, Rates & Activities that do not require itemized accounting	\$18,408												\$18,408		
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$64,083	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
IV. LITHERY ANADYSTING BY SUSTOMED SECONDARY															
IV. UTILITY MARKETING BY CUSTOMER SEGMENT		<b>^</b>			^^	-	40		**	40	-	40	40		
Agricultural / Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
Large Commercial and Industrial	\$18,593												\$18,593		
Small and Medium Commercial	\$1,549												\$1,549		
Residential (2)	\$153,811												\$153,811		
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$173,954	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$173,954	\$2,877,275	

Notes:
(1) Utility Marketing includes all activities to market individual utility programs or rates, demand response concepts, and customer tools, that were approved or directed by Decision 12-04-045 and 14-05-025, whether or not the marketing budget was approved as a line item in the Decision. For example, PG&E should not include marketing for TOU and PDP because funding was authorized in another proceeding. However, PG&E must document all amounts spent on marketing individual demand response programs such as Peak Choice even though a specific marketing budget was not approved for the program. This example applies to all of the utilities. The programs and activities listed in item II of the template are meant as examples, and may not be exhaustive. However, the utilities must include all programs or rates that meet this description. The totals for items II, III and IV should be equal.

(2) AC Cycling currently shares the same internal order for both residential and commercial costs. All costs are currently reflected in the residential sector.

(3) Other Local Marketing is part of Itemized Accounting in section: II

### Table I-6 SCE Interruptible and Price Responsive Programs 2018 Event Summary

### Southern California Edison

### Year-to-Date Event Summary

Program Category	Program	Event No.	Date	Event Trigger <sup>(1)</sup>	Load Reduction MW (2) (3)	Load Reduction Based Upon (2) (3)	Area Called	Event Beginning Time (4)(5)	Event End Time (4)(5)	Program Total Hours (Annual)

(1) Emergency programs' load reductions are normally requested by the ISO. The ISO does not call for load reductions by program. OBMC is activated by SCE concurrent with the ISO's request for firm load curtailment (rotating outages) to the minimum % level required to meet the ISO's firm load curtailment request. Other programs are triggered according to the terms of the tariff associated with the program.

(2) Preliminary event data subject to change based on billing records and verification.

BIP: Estimates based upon load impacts bid into CAISO daily market.

SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event. Based on the CPUC Program Results report. Load impact-weather relationship is provided by the 2015 SDP Load Impact Evaluation study. AP-I: Estimates based upon load impacts bid into CAISO daily market.

CPP: The maximum hourly load reduction measured over the duration of the CPP event is compared to 10 in 10 Adjusted baseline.

CBP: Reported to SCE in aggregate by portfolio and by product nominations by APX.

SPD: Based on the CAISO Program Results report. Calculated based on the assumed kW reduction per enrolled customer from the 2016 ex ante report.

(3) Final event data for customer's load reduction (MW) is measured as follows:

BIP: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event. Based on the CPUC Program Results report. Load impact-weather relationship is provided by the 2015 SDP Load Impact Evaluation study.

AP-I: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

CPP: The maximum hourly load reduction measured over the duration of the CPP event is compared to 10 in 10 Adjusted baseline.

CBP: Aggregated load reduction using billing data and the settlement baselines and calculations in accordance with the CBP tariff.

SPD/PTR: Based on the CAISO Program Results report. Calculated based on the assumed kW reduction per enrolled customer from the 2016 ex ante report.

(4) Event times are based on CAISO award start and end times or SCE determined start and end times.

(5) Hours listed represent the number of hours for the event by individual SLAPs.

## SCE Aliso Canyon Demand Response Programs and Activities Monthly Program Enrollment and Estimated Load Impacts (3)

Southern California Edison Monthly Program Enrollment and Estimated Load Impacts (4)

			January			February			March			April			May			June		]
	1016	Service		Ex Post Estimated		Ex Ante Estimated		Service Accounts		Ex Post Estimated	Service Accounts			Service Accounts		Ex Post Estimated	Service Accounts		Estimated	Eligible Accounts as of
Customer Type	Programs for LA Basin Service Accounts (5)(6)	Accounts (4)	MW (1)(5)	MW (2)(3)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	Jan 1, 2018
	Supply-Side Demand Response Programs																			
Non-Residential	Agricultural & Pumping Interruptible (API)	0	0.0	0.0																13,636
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	0	0.0	0.0																11,457
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	0	0.0	0.0																11,457
Residential	Save Power Day (SPD)	1,694	0.9	1.3																1,800,000
Residential	Summer Discount Program (SDP) - Residential	0	0.0	0.0																2,169,565
Non-Residential	Summer Discount Program (SDP) - Commercial	0	0.0	0.0																474,473
	Total All Programs (LA Basin)	1,694	1	1	0	0	0		) 0	0	0	0	0		) (	0	0	0	) 0	

	ĺ		January			February			March			April			May			June		
	relia.	Service		Ex Post Estimated		Ex Ante Estimated					Service Accounts			Service Accounts			Service Accounts		Ex Post Estimated	Eligible Accounts as of
Customer Type	Programs for Non-LA Basin Service Accounts (5)(6)	Accounts (4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	Jan 1, 2018
	Supply-Side Demand Response Programs																			
Non-Residential	Agricultural & Pumping Interruptible (API)	0	0.0	0.0																13,636
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option	0	0.0	0.0																11,457
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option	0	0.0	0.0																11,457
Residential	Save Power Day (SPD)	348	0.2	0.3																1,800,000
Residential	Summer Discount Program (SDP) - Residential	0	0.0	0.0																2,169,565
Non-Residential	Summer Discount Program (SDP) - Commercial	0	0.0	0.0																474,473
	Total All Programs (Non-LA Basin)	348	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	
	Total All Programs LA Basin and Non-LA Basin	2,042	1.1	1.6	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	

		July			August			September			October			November			December			]
			Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Eligible Accounts
		Service	Estimated		Accounts		Estimated	Accounts	Estimated								Accounts		Estimated	as of
Customer Type	Programs for LA Basin Service Accounts (5)(6)	Accounts (4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	(4)	MW (1)(5)	MW (2)(5)	Jan 1, 2018
	Supply-Side Demand Response Programs																			
Non-Residential	Agricultural Pumping Interruptible (API)																			13,636
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option																			11,457
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option																			11,457
Residential	Save Power Day (SPD/PTR)																			1,800,000
Residential	Summer Discount Plan (SDP) - Residential																			2,169,565
Non-Residential	Summer Discount Plan (SDP) - Commercial																			474,473
	Total All Programs (LA Basin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

			July			August			September			October			November			December		İ
Customer Type	Programs for Non-LA Basin Service Accounts <sup>(5)(6)</sup>	Service Accounts <sup>(4)</sup>		Estimated		Ex Ante Estimated MW <sup>(1)(5)</sup>	Ex Post Estimated MW <sup>(2)(5)</sup>	Service Accounts (4)		Ex Post Estimated MW <sup>(2)(5)</sup>		Ex Ante Estimated MW <sup>(1)(5)</sup>	Ex Post Estimated MW <sup>(2)(5)</sup>					Ex Ante Estimated MW <sup>(1)(5)</sup>		Eligible Accounts as of Jan 1, 2018
	Supply-Side Demand Response Programs																			
Non-Residential	Agricultural Pumping Interruptible (API)																			13,636
Non-Residential	Base Interruptible Program (BIP) 15 Minute Option																			11,457
Non-Residential	Base Interruptible Program (BIP) 30 Minute Option																			11,457
Residential	Save Power Day (SPD/PTR)																			1,800,000
Residential	Summer Discount Plan (SDP) - Residential																			2,169,565
Non-Residential	Summer Discount Plan (SDP) - Commercial																			474,473
	Total All Programs (Non-LA Basin)	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	i
	Total All Programs LA Basin and Non-LA Basin	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	

1. Ex Ante Estimated MW = The August monthly ex ante average load impact per customer, reported in the annual April 1, 2017 D. 08-04-050 Compliance Filing, multiplied by the number of newly enrolled service accounts for the month of August. The ex ante average load impact is the average hourly load impact for an event that would occur from 1-6pm on the system peak day of the month. Monthly ex ante estimates are indicated only for programs which can be called for events that reporting month. For programs that are not available that month or do not have a positive load impact, a value of zero is reported.

2. Ex Post Estimated MW = The annual ex post average load impact per customer, reported in the annual April 1, 2017 D.08-04-050 Compliance Filing, multiplied by the number of currently enrolled service accounts for the month of August. The annual ex post average load impact is the average hourly load impact per customer for those customers that may have participated in an event(s) between 1-5gm on event days in the preceding year when or if events occurred.

3. Readers should exercise aution in interpreting or using the estimated MW values found in this report in either the ex post or estimates reflects instoric event(s) that have taken place during specific time periods and actual weather conditions by a mix of

4. The number of Service Accounts listed above only take into account incremental increases as a result of SCE's' Aliso Canyon efforts as of April 1, 2016. Any attrition due to customer disenrollment from a program is excluded.

5. PTR Service Accounts Included are only for PTR-DLC, which have a 0.52 kW impact per service account customer for Ex-Ante and 0.78 kW impact per service account customer for Ex-Post.
6. As of this reporting period, SCE has reached the cap and is implementing a waitlist process for enrollment in reliability programs.

# Table I-7A SCE Aliso Canyon Demand Response Programs and Activities Expenditures and Funding 2018

### Southern California Edison Year-to-Date Program Expenditures

					Program-to-Date Tota										
Cost Item	2017 Total Expenditures	January	February	March	April	May	June	penditures July	August	September	October	November	December	2018 Total Expenditures	Expenditures 2015- 2016
costneili	Experiarcis	Junuary	rebruary	- Indica	April .	muy	June	July	August	September	October	HOVEHIDE	becember	Experiantares	2010
Category 1 : Reliability Programs															
Agricultural Pumping Interruptible (API)	\$1,323	\$0												\$0	\$1,323
Base Interruptible Program (BIP)	\$0	\$0												\$0	\$0
Category 1 Total	\$1,323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,32
Category 2 : Price Responsive Programs															
AC Cycling : Summer Discount Plan (SDP)	\$1,073,206	\$697												\$697	\$1,073,903
Demand Bidding Program (DBP)	\$12,247	\$440												\$440	\$12,687
Save Power Day (SPD/PTR)	\$3,212,247	\$835,353												\$835,353	\$4,047,600
Category 2 Total	\$4,297,700	\$836,491	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$836,491	\$5,134,190
Category 7 : Marketing, Education & Outreach															
Agricultural Pumping Interruptible (API)	\$0	\$0												\$0	\$1
Base Interruptible Program (BIP)	\$0	\$0												\$0	\$1
AC Cycling: Summer Discount Plan (SDP) (2)	\$755,715	\$0												\$0	\$755,71
Demand Bidding Program (DBP)	\$0	\$0												\$0	\$1
Save Power Day (SPD/PTR)	\$444,582	\$20,300												\$20,300	\$464,883
Demand Response Auction Mechanism (DRAM)	\$0	\$0												\$0	\$0
Category 7 Total	\$1,200,298	\$20,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,300	\$1,220,597
Total Aliso Canyon Related Cost	\$5,499,321	\$856,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$856,790	\$6,356,111

Notes:

1. Per D. 16-06-029, program costs reported here are recorded in SCE's Aliso Canyon Demand Response Program Balancing Account (ACDRPBA), unless otherwise noted.

2. Marketing and outreach efforts are prioritized to the LA Basin local capacity area.